

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent No. .... 7067414B1  
Patent Issue Date ..... June 27, 2006  
Application Serial No. .... 09536037  
Filing Date ..... March 27, 2000  
Assignee ..... Micron Technology, Inc.  
Inventorship ..... Li, Weimin  
Attorney's Docket No. .... MI22-1398  
Title: ..... Low k Interlevel Dielectric Layer Fabrication Methods

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT**  
**FOR PTO MISTAKE (37 C.F.R. 1.322(a))**

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
ATTN: Decision and Certificate of Correction  
Branch of the Patent Issue Division  
  
From: James E. Lake (Tel. 509-624-4276; Fax 509-838-3424)  
Wells St. John P.S.  
601 W. First Avenue, Suite 1300  
Spokane, WA 99201-3828

Sir/Madam:

It is hereby requested that a Certificate of Correction be issued with respect to Patent No. 7067414B1, granted June 27, 2006, in accordance with the Certificate of Correction Form PTO-1050 attached hereto.

The other error(s) listed on the Certificate of Correction form were apparently incurred through the fault of the PTO as will be disclosed by the records of files in the Office.

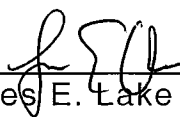
Since this Certificate of Correction is being requested due to PTO errors, it is believed that no fee is due. However, in the event that a fee is

required for issuance of this Certificate of Correction, please charge the fee specified under 37 C.F.R. § 1.20(a) to Deposit Account No. 23-0925. Please credit Deposit Account No. 23-0925 with any overpayment of the above fee.

Respectfully submitted,

Dated: 06 Feb 2008

By: \_\_\_\_\_

  
James E. Lake  
Reg. No. 44854

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 11

PATENT NO. : US 7,067,414

APPLICATION NO.: 09536037

ISSUE DATE : June 27, 2006

INVENTOR(S) : Li Weimin, Zhiping Yin, William Budge

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, References Cited, U.S. PATENT DOCUMENTS, please insert --  
4,444,617 4/1984 Whitcomb-- before "4,474,975"

Title page, References Cited, U.S. PATENT DOCUMENTS, please insert --  
4,552,783 11/1985 Stoll et al.  
4,562,091 12/1985 Sachdev et al. -- before "4,592,129"

Page 2, U.S. PATENT DOCUMENTS, please insert --  
4,755,478 7/1988 Abernath et al.  
4,764,247 8/1988 Leveriza et al.-- before "4,805,683"

Page 2, U.S. PATENT DOCUMENTS, please insert --  
4,833,096 5/1989 Huang et al.-- before "4,863,755"

Page 2, U.S. PATENT DOCUMENTS, please insert --  
4,870,470 9/1989 Bass et al.  
4,910,160 3/1990 Jennings et al.-- before "4,954,867"

Page 2, U.S. PATENT DOCUMENTS, please insert --  
4,992,306 2/1991 Hochberg et al.-- before "5,034,348"

Page 2, U.S. PATENT DOCUMENTS, please insert --  
5,140,390 8/1992 Li et al.-- before "5,219,613"

Page 2, U.S. PATENT DOCUMENTS, please insert --  
5,244,537 9/1993 Ohnstein  
5,260,600 11/1993 Harada-- before "5,270,267"

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,286,661 A 2/1994 deFresart et al.-- before "5,302,366"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,312,768 A 5/1994 Gonzalez-- before "5,314,724"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,405,489 A 4/1995 Kim et al.  
5,413,963 A 5/1995 Yen et al.  
5,429,987 A 4/1995 Allen  
5,439,838 A 8/1995 Yang-- before "5,441,797"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,461,003 A 10/1995 Havemann et al.  
5,470,772 A 11/1995 Woo et al.-- before "5,472,827"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,482,894 A 1/1996 Havemann-- before "5,498,555"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,543,654 A 8/1996 Dennen  
5,554,567 A 9/1996 Wang-- before "5,591,494"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,652,187 A 7/1997 Kim et al.  
5,656,330 A 8/1997 Niiyama et al.  
5,656,337 A 8/1997 Park et al.-- before "5,661,093"

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Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,670,297 A 9/1997 Ogawa et al.-- before "5,671,297"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,677,015 A 10/1997 Hasegawa-- before "5,677,111"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,691,212 A 11/1997 Tsai et al.-- before "5,698,352"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,744,399 A 4/1998 Rostoker et al.-- before "5,747,388"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,750,442 A 5/1998 Juengling-- before "5,753,320"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,783,493 A 7/1998 Yeh et al.  
5,786,039 A 7/1998 Brouquet  
5,792,689 A 8/1998 Yang et al.  
5,800,877 A 9/1998 Maeda et al.-- before "5,801,399"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,807,660 A 9/1998 Lin et al.-- before "5,817,549"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --  
5,872,035 A 2/1999 Kim et al.-- before "5,872,385"

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Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --

5,883,014 A 3/1999 Chen et al.

5,933,721 A 8/1999 Hause et al.

5,948,482 A 9/1999 Brinker et al.-- before "5,960,289"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --

5,981,368 A 11/1999 Gardner et al.-- before "5,985,519"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --

5,986,318 A 11/1999 Kim et al.-- before "5,994,217"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --

6,004,850 A 12/1999 Lucas et al.

6,008,121 A 12/1999 Yang et al.-- before "6,008,124"

Page 2, U.S. PATENT DOCUMENTS, Column 1,

Please replace "6,017,814"

With-- 6,017,614--

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --

6,017,779 A 1/2000 Miyasaka-- before "6,020,243"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --

6,028,015 A 2/2000 Wang et al.-- before "6,030,901"

Page 2, U.S. PATENT DOCUMENTS, Column 1, please insert --

6,054,379 A 4/2000 Yau et al.-- before "6,057,217"

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Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --  
6,071,799 A 6/2000 Park et al.-- before "6,072,227"

Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --  
6,087,064 A 7/2000 Lin et al.  
6,087,267 A 7/2000 Dockrey et al.  
6,096,656 A 8/2000 Matzke et al.  
6,114,255 A 9/2000 Juengling-- before "6,121,133"

Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --  
6,124,641 A 9/2000 Matsuura  
6,130,168 A 10/2000 Chu et al.  
6,133,096 A 10/2000 Su et al.-- before "6,133,613"

Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --  
6,136,636 A 10/2000 Wu-- before "6,140,151"

Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --  
6,140,677 A 10/2000 Gardner et al.-- before "6,143,670"

Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --  
6,156,674 A 12/2000 Li et al.  
6,159,804 A 12/2000 Gardner et al.-- before "6,159,871"

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Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --

6,184,151 A 2/2001 Adair et al.  
6,184,158 A 2/2002 Shufflebotham et al.  
6,187,657 B1 2/2001 Xiang et al.  
6,187,694 B1 2/2001 Cheng et al.  
6,198,144 B1 3/2001 Pan et al.  
6,200,835 B1 3/2001 Manning-- before "6,200,863"

Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --

6,204,168 B1 3/2001 Naik et al.  
6,209,484 4/2001 Huang et al.-- before "6,218,929"

Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --

6,225,217 B1 5/2001 Usami et al.  
6,235,568 B1 5/2001 Murthy et al.  
6,235,591 5/2001 Balasubramanian et al.  
6,238,976 5/2001 Noble et al.  
6,268,282 B1 7/2001 Sandhu et al.  
6,274,292 8/2001 Yin et al.  
6,281,100 8/2001 Yin et al.-- before "6,284,677"

Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --

6,440,860 8/2002 DeBoer et al.-- before "6,444,593"

Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --

6,451,504 9/2002 Rolfson et al.-- before "6,465,372"

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Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --  
7,235,499 6/2007 Li et al.-- before "2001/0003064"

Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --  
2001/0038919 A1 11/2001 Berry, III et al.-- before "2002/0016085"

Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --  
2002/0033486 A1 3/2002 Kim et al.  
2002/0081834 A1 6/2002 Daniels et al.-- before "2002/0098684"

Page 2, U.S. PATENT DOCUMENTS, Column 2, please insert --  
09/146,843 9/1998 Li et al.  
09/219,041 9/1998 Li et al.-- at end of U.S. PATENT DOCUMENTS listing

Page 2, Column 2, FOREIGN PATENT DOCUMENTS, please insert --  
EP 0471185 A2 7/1991-- before "EP 0 588 087"

Page 2, Column 2, FOREIGN PATENT DOCUMENTS, please insert --  
EP 0942330 A1 9/1999  
EP 1172845 A2 1/2002-- before "GB 593727"

Page 2, Column 2, FOREIGN PATENT DOCUMENTS, please insert --  
JP 08-213386 A 8/1996  
JP 9-50993 2/1997 -- before "JP 09055351"

Page 2, Column 2, FOREIGN PATENT DOCUMENTS, please insert --  
JP 10/163083 6/1998-- before "JP 63316476"

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Page 2, Column 2, FOREIGN PATENT DOCUMENTS, please insert --

JP 20068261 A 3/2000

TW 368687 A 9/1999

TW 420844 A 2/2001

TW 429473 A 4/2001-- before "TW 471112 "

Page 2, U.S. PATENT DOCUMENTS, Column 2,

Please replace "6,218,929"

With-- 6,218,292--

Page 2, U.S. PATENT DOCUMENTS, Column 2,

Please replace "6,632,712 B1 7/2000 Ang et al."

With-- 6,632,712 B1 10/2003 Ang et al.--

Page 2, Column 2, FOREIGN PATENT DOCUMENTS,

Please replace "JP 5-263155 10/1993"

With-- JP 5-263255 10/1993--

Page 3, OTHER PUBLICATIONS, Column 1

Please replace "D.R. McKenzie et al., "New Technology for PACVO", Surface and Cooling Technology, 62 (1995), pp. 326-333."

With-- D.R. McKenzie et al., "New Technology for PACVD1." Surface and Coatings Technology, 82 (1996) pp.326-333.--

Page 3, OTHER PUBLICATIONS, Column 1, line 17,

Please replace "Flowlife"

With-- Flowfill@--

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Page 3, OTHER PUBLICATIONS, Column 1, line 18  
Please replace "Beekman"  
With-- Beckmann--

Page 3, OTHER PUBLICATIONS, Column 1, line 24  
Please replace "BISN4"  
With-- Si3N4--

Page 3, OTHER PUBLICATIONS, Column 1, line 26  
Please replace "coolings"  
With-- coatings--

Page 3, OTHER PUBLICATIONS, Column 1, line 29  
Please replace "Noboru Snibate"  
With-- Noboru Shibata--

Page 3, OTHER PUBLICATIONS, Column 1, line 33  
Please replace "Ralis"  
With-- Ralls--

Page 3, OTHER PUBLICATIONS, Column 1, line 38  
Please replace "Pesion"  
With-- Penton--

Page 3, OTHER PUBLICATIONS, Column 2, line 8  
Please replace "SPIE vol. 3149"  
With-- SPIE vol. 3049--

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Page 3, OTHER PUBLICATIONS, Column 2, line 10  
Please replace "pp. 41-49"  
With-- pp.48-49--

Page 3, OTHER PUBLICATIONS, Column 2, line 11  
Please replace "Withmell"  
With-- Withmall--

Page 3, OTHER PUBLICATIONS, Column 2, line 13  
Please replace "New photodefinable glass eich masks"  
With-- New photodefinable glass etch masks--

Page 3, OTHER PUBLICATIONS, Column 2, line 22  
Please replace "to an all dry resist process for 193 and 248 am"  
With-- in an all dry resist process for 193 and 248 nm--

Page 3, OTHER PUBLICATIONS, Column 2, line 32  
Please replace "Morie, Q. et al."  
With-- Horie, O. et al.--

Page 3, OTHER PUBLICATIONS, please insert--  
Julius Grant, Hackh's Chemical Dictionary, Fourt Edition, McGraw-Hill Book Company, © 1969, rented by Grant  
© 1972, pp. 27--

Page 3, OTHER PUBLICATIONS, please insert--  
Wolf et al., "Silicon Processing for the VLSI Era- Vol. 1. Process Technolog," Prologue, page xxiii (2pages)--  
before "Silicon Processing for the VLSI Era"

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

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CERTIFICATE OF CORRECTION

Page 11 of 11

PATENT NO. : 7067414B1

APPLICATION NO.: 09536037

DATED : June 27, 2006

INVENTOR(S) : Li, Weimin; Yin, Zhiping; Budge, William

It is certified that an error or errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Page 3, OTHER PUBLICATIONS, please insert--

Wolf S., and Tauber, Richard, Silicon Processing for the VLSI Era; Vol. 1; Process Technology; "Silicon: Single Crystal Growth and Wafer Preparation"; pages 1 and 2.-- before "Wolf S. Silicon Process., V.1 407-413"

Column 1, line 55

Please replace "methylsilane"

With-- methylsilanol--

Column 5, line 48

Please replace "spacig"

With-- spacing--

Column 5 line 49

Please replace "oxygen gas expsure"

With-- oxygen gas exposure--

Column 6, line 20

Please replace " $\text{Si}_3\text{N}_{(4-x)}$ "

With- -  $\text{Si}_3\text{N}_{(4-x)}$  - -

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